



P.O. BOX 10, 420 RIVER STREET  
LOCKHART, SOUTH CAROLINA 29364

TELEPHONE (864) 545-2211  
FAX (864) 545-2591  
www.lockhartpower.com

RECEIVED

December 22, 2008

DEC 30 2008

PSC SC  
DOCKETING DEPT.

Mr. Charles L.A. Terreni  
Chief Clerk/Administrator  
South Carolina Public Service Commission  
101 Executive Center Dr., Suite 100  
Columbia, SC 29210

2006-63-E

Re: Meter Sampling Test Plan Under  
Order Granting Waiver of Meter Testing  
Requirements

Dear Mr. Terreni:

Under DOCKET NO. 2006-63-E - ORDER NO. 2006-159 dated March 13, 2006, the Public Service Commission of South Carolina granted Lockhart Power Company (Lockhart or Company) a waiver of the Commission's meter testing requirements as set forth in Commission Regulation 103-370. The Company had requested that the waiver be granted in order to avoid the cost to the Company and the ratepayer of the testing of meters that were scheduled for replacement during years 2006 - 2008. The Commission granted the waiver to extend through the end of the Company's 3-year meter replacement process.

In issuing its order the Commission directed Lockhart to submit to both the Commission and the ORS its 3-year schedule of meter replacement activity, and to update both the Commission and ORS annually on its progress on the meter replacement project. On February 13, 2007 Lockhart filed its first annual update with the Commission. On April 28, 2008 the Company filed its second annual update, and therein reported that the meter testing process was complete. It further stated that in compliance with the final provision of ORDER NO. 2006-159, Lockhart would file a Meter Sampling Test Plan before the end of 2008.

Attached hereto is the Meter Sampling Plan that Lockhart has developed. If acceptable to the Commission and the Office of Regulatory Staff, we will plan to begin use of this process in early 2009. This will insure future compliance with Commission Regulation 103-370.

We want to thank you and the Office of Regulatory Staff for working with our Company through this process. Should you have any questions or need further information regarding this matter, please do not hesitate to contact me.

Yours sincerely,  
LOCKHART POWER COMPANY

*Bryan D. Stone*

Bryan D. Stone  
Chief Operating Officer

BDS/pwi

cc: Mr. C. Dukes Scott, Esq.  
Mr. M. John Bowen, Jr. Esq.

COPY

Posted: *1001*

Dept: *SA*

Date: *12/30/08*

Time: *1:45*

# **Lockhart Power Company**

## **Meter Sampling Plan for Single-Phase Watt-Hour Meters**

1. The procedure for the sampling plan will be Variability Unknown-Standard Deviation Method for a Single Specification Limit. An Inspection Level I, reduced inspection, with AQL=1% is to be used. This is based on the ANSI standard Z1.9-2003.
2. Samples of self-contained, single-phase watt-hour meters shall be tested on an annual basis. The samples will be drawn from the entire population of the same meter type.
3. The sampling rate (K) shall be computed by dividing the total number of meters (N) by the number in the sample (n). Thus  $K = N/n$ . The sample (n) shall be drawn from the meter history records by first selecting, from tables of random numbers, a random number between 1 and K, then drawing the meter which occupies this position, and then drawing every Kth meter thereafter.
4. The number of meters in each sample shall be selected annually by the company consistent with criteria established in the *ANSI standard Z1.9-2003*. If the group fails to meet the criteria in *ANSI standard Z1.9-2003* then a new sample will be drawn for normal inspection and tested separate from the sample that failed. If this sample fails then the entire group will be recalibrated at a minimum rate of 5% per year until all of the meters in that group have been recalibrated or until succeeding annual samples show that the performance criteria have been met. Meters to be recalibrated shall be selected on the basis of the longest time since last test. Meters so tested and placed into service shall be sampled as a separate group from the remainder of the original group not tested. When the sample results of the remainder of the original group indicate that the group meets the performance criteria, the components of the group may be consolidated for subsequent sampling.
5. A report shall be made annually to the South Carolina Public Service Commission and Office of Regulatory Staff showing results and any action taken.